



State of Utah

DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF WATER QUALITY

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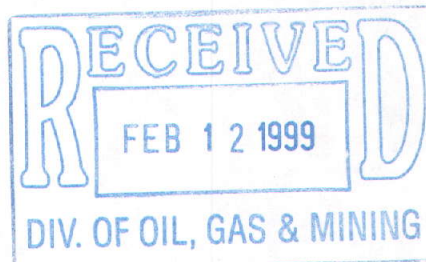
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Don A. Ostler, P.E.
Executive Secretary

February 1, 1999



Mr. Doug Jensen
USMX of Utah, Inc.
P.O. Box 2650
St. George, Utah 84770

Subject: Approval Addendum to the Closure Plan - Spray Irrigation System

We have reviewed plans and supporting information, prepared by you for the spray irrigation system to dispose of draw down water from the reclaimed pads. We received this information on October 30, 1998.

Based on our review, the proposed irrigation system complies with Utah Water Quality Rules, (R317, Utah Administrative Code) for the stated use, and is hereby approved.

Draw down water from heap leach pad 1 & pad 2 flows into a 6-inch pipe line and discharges to a storage tank. The water then flows to a distribution box. Five pipe lines connected to the distribution box each pipeline is equipped with 6 water spray misters. Each mister is capable of misting water at a flow rate between 3 to 5 gallons per minute (gpm). The present flow rate from the pads is 13 gpm, at this flow rate only 3 of the five distribution pipes will be operating. The remaining 2 distribution pipes would flow water should the flow from the pads increase above the capacity of the other 3 pipes. The area irrigated is 2 acres and is fenced in accordance to the Bureau of Land Management specifications.

If we can be of further assistance, please contact me or Mr. Lyle Stott of my staff.

Sincerely,

Don A. Ostler, P.E.
Director

DAO:LWS:lws

cc: Mr. Wayne Thomas - Department of Environmental Health
Mr. Wayne Hedberg - Division of Oil Gas and Mining

N:USMX ADDENDUM CLOSURE SPRAY IRRIGATION - AP